

*In the Claims*

Sub B1  
1. (Amended) A teleconferencing apparatus comprising:

a unitary housing including[:]

(a) A V capture [and reproduction] capabilities

(i) for capturing video images and spoken audio

(1) of a participant in a videoconference;

(b) a monitor

(i) for displaying visual images

(1) associated with at least one participant;

(c) audio reproduction capabilities; and

(d) an adaptive acoustic echo canceler

(i) configured to reduce echo during the reproduction of the audio.

2. (Amended) The teleconferencing apparatus of claim 1,

[further including:

(a) an audio summer for receiving] wherein the apparatus is configured to:

(a) receive the captured audio of a first, second and third participant [and combining];

(b) combine the received audio of the second and third participants into an audio sum; and

(c) [for reproduction] reproduce the audio sum at the apparatus of the first participant.

Sub B2  
3. (Amended) The teleconferencing apparatus of claim 2, wherein

the [AV capture and] first participant's audio reproduction capabilities include

(a) a plurality of speakers and

wherein the apparatus is [further] associated with [including]:

A

- ~~(a) an audio control configured to cause the reproduction of the audio sum~~
- ~~(i) at the first participant's workstation~~
- ~~(ii) such that the composition of the audio,~~
- ~~(1) originating from each of the second and third participants,~~
- ~~(2) reproduced at each speaker~~
- ~~(3) is dependent on a position of the second and third participant's~~  
images reproduced on the first participant's [workstation] monitor.

4. (Amended) The teleconferencing apparatus of claim 3, wherein the housing further includes

- (a) at least two echo cancelers.

5. (Amended) The [teleconference system] teleconferencing apparatus according to claim 2, further including:

- (a) a wireless communications connection
- (i) between the housing and a signal transmitting network[; and
- (b) a docking station for adding bandwidth to signals at the housing].

6. (Amended) The teleconferencing [system] apparatus according to claim 5, wherein the wireless communications connection is configured to

- (a) accept signals transmitted [by] along cellular telephone channels.

7. (Amended) A teleconferencing system for conducting a teleconference among a plurality of participants, comprising:

- (a) a plurality of workstations each including
- (i) a unitary housing having, in a fixed spatial relationship to each other,
- (1) a [first] monitor for displaying participant video [visual] images,  
[and]

~~(2) AV capture [and reproduction] capabilities for capturing [and reproducing] video images and spoken audio of the participants, and~~

~~(3) audio reproduction capabilities; and~~

~~(b) [a first network providing] a data path~~

~~(i) along which data can be~~

~~(1) shared among a plurality of the participants and~~

~~(2) displayed interactively on at least [one of the first] two monitors;~~

~~(c) [a second network providing] an AV path,~~

~~(i) for carrying AV signals~~

~~(1) representing video images and spoken audio of the participants,~~

~~(2) among the workstations~~

~~(3) for reproduction [at] on least one monitor associated with the workstation of one of the participants.~~

~~8. (Amended) The teleconferencing system of claim 7, [further comprising:] wherein at least one unitary housing has~~

~~(a) [at least one second] a first and a second monitor  
and the system is configured to~~

~~(i) display visual images~~

~~(1) based on the shared data~~

~~(2) on the second monitor [associated with at least one workstation].~~

~~9. (Amended) The teleconference system according to claim 8, wherein the second monitor is~~

~~(a) arranged [affixed to a side portion of] adjacent the first monitor~~

(b) at approximately the eye-level of a participant in a teleconference [who is using the workstation].

10. (Amended) The teleconferencing system of claim 8, [further comprising:

(a) an echo canceler to reduce echo during the reproduction of the audio] wherein the system is further configured to perform

adaptive audio echo cancellation on audio

(i) originating at one participant,

(ii) for reproduction at another participant's workstation.

11. (Amended) The teleconferencing system of claim 8, [further comprising:

(a) an audio summer for receiving] wherein the system is configured to

(i) receive the captured audio of a first, second and third participant [and], [combining]

(ii) combine the received audio of the second and third participants into an audio sum; and

(iii) [for reproduction] reproduce the audio sum at the apparatus of the first participant.

12. (Amended) The teleconferencing system of claim 11, wherein the [AV capture and] first participant's audio reproduction capabilities include

(a) a plurality of speakers, and

wherein the apparatus is further [being] associated with [including]:

(a) an audio control configured to cause the reproduction of the audio sum

(i) at the first participant's workstation

(ii) such that the composition of the audio,

- (1) originating from each of the second and third participant,
- (2) reproduced at each speaker of the first participant's apparatus
- (3) is dependent on a position of the second and third participant's images reproduced on the first participant's [workstation] monitor.

- A2  
Amcl.  
Sub B6
- 15  
13. (Amended) The teleconferencing system of claim 10, wherein the housing further
- (a) includes at least two echo cancelers.

14. (Amended) The teleconferencing system of claim 7, further comprising:
- (a) a wireless communications connection
    - (i) between the workstation and [a signal transmitting network; and
    - (b) a docking station for adding bandwidth to signals at a workstation] the AV path.

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15. (Amended) The teleconferencing system of claim <sup>16</sup>~~14~~, wherein the wireless communications connection is configured to
- (a) accept signals transmitted [by] along cellular telephone channels.

[Add the following new claims:]

- A3  
Amcl.
16. (New) A teleconferencing system for conducting a teleconference among a plurality of participants, comprising:
- (a) a plurality of workstations each including
    - (i) a unitary housing having, in a fixed spatial relationship to each other,
      - (1) a monitor for displaying participant video images,
      - (2) AV capture capabilities for capturing [and reproducing] video images and spoken audio of the participants, and
      - (3) audio reproduction capabilities, and

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ACM
- (b) a data path
    - (i) with associated controls such that
    - (ii) data can be shared
      - (1) along the path
      - (2) among a plurality of the participants and
      - (3) displayed interactively on at least two monitors; and
  - (c) an AV path,
    - (i) for carrying AV signals
      - (1) representing video images and spoken audio of the participants,
      - (2) among the workstations
      - (3) for reproduction on least one monitor associated with the workstation of one of the participants.

17. (New) The teleconferencing system of claim 16, wherein at least one unitary housing has

- (a) a first and a second monitor
- and the system is configured to

- (i) display visual images
  - (1) based on the shared data
  - (2) on the second monitor.

18. (New) The teleconference system according to claim 17, wherein the second monitor is

- (a) arranged adjacent the first monitor
- (b) at approximately the eye-level of a participant in a teleconference.

19. (New) The teleconferencing system of claim 17, wherein the system is further configured to perform

adaptive audio echo cancellation on audio,

originating at one participant,

for reproduction at another participant's workstation.

20. (New) The teleconferencing system of claim 17, further comprising:

(a) an audio summer configured to

(i) receive the captured audio of a first, second and third participant and

(ii) combine the received audio of the second and third participants into an audio sum

(1) for reproduction at the apparatus of the first participant.

21. (New) The teleconferencing system of claim 20, wherein the audio reproduction capabilities include

(a) a plurality of speakers,

the apparatus further being associated with:

(a) an audio control configured to cause the reproduction of the audio sum

(i) at the first participant's workstation

(ii) such that the composition of the audio

(1) originating from each of the second and third participants

(2) reproduced at each speaker of the first participant's apparatus

(3) is dependent on a position of the second and third participant images reproduced on the first participant's monitor.

22. (New) The teleconferencing system of claim 19, wherein the housing further

(a) includes at least two echo cancelers.

23. (New) The teleconferencing system of claim 16, further comprising: